



# XT SERIES

Manual Air Spray, HVLP and Compliant guns designed for excellent pattern, reduced maintenance and increased productivity



FINISHING

PROVEN QUALITY. LEADING TECHNOLOGY.

# The Evolution of Air Spray

DELTA SPRAY XT GUNS



Apply the finest, most consistent finish in the industry with Graco's Delta Spray XT guns! They handle even the toughest of coatings, from acids to waterbornes. With Graco's XT guns, you get excellent finish quality, higher productivity, less maintenance and downtime – every time you spray!

## The XT Series Offers:

- The finest finish quality in the industry
- A consistent spray pattern
- Increased flow for higher productivity
- Fewer parts for less maintenance and downtime

## Increase Performance and Productivity

### ▶ Typical Applications

Aerospace  
Auto assembly and feeder  
General metal  
Truck and bus  
Wood finishing

### ▶ Typical Materials

Sealants and adhesives  
Epoxies  
High solids  
Latex  
NGR stains  
Primers  
Solventborne coatings  
Topcoats  
Waterborne coatings  
2K urethanes  
Materials less than 500 cps



# XT SERIES

## XT Air Spray

The Most Widely-Used Finishing Technology!

- Class A or automotive finish
- Easy to use, flexible and provides the finest finish quality
- Offers the fastest production line speed



## XT HVLP

Meets Strict U.S. Environmental Regulations!

- A more controlled air spray technology
- Excellent atomization and high transfer efficiency
- Reduces bounce-back and over spray



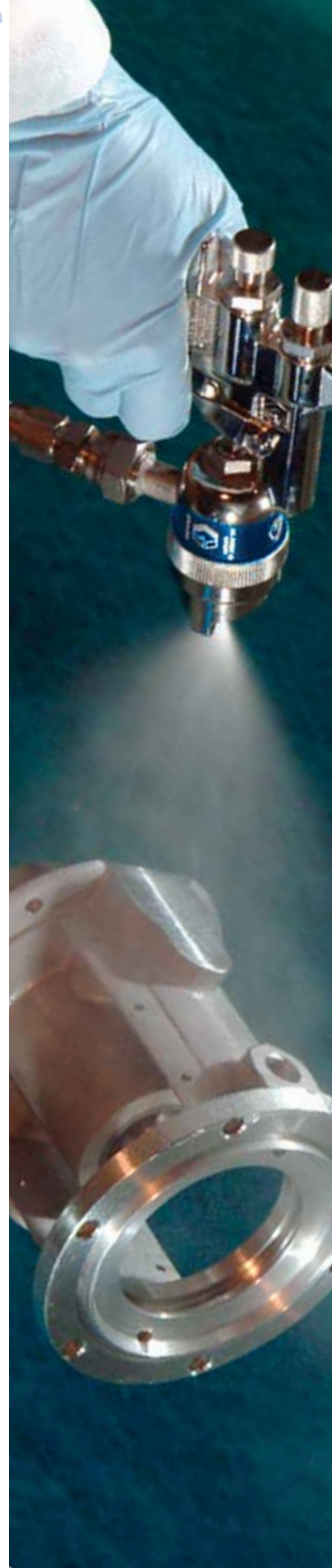
## XT Compliant

Meets European Environmental Regulations!

- A controlled air spray technology
- Offers less bounce-back and over spray than air spray
- Lower air consumption and higher spray rates than HVLP



	AIR SPRAY	COMPLIANT	HVLP
FINISH QUALITY	Best	Better	Good
TRANSFER EFFICIENCY	Medium	High	High
FLUID FLOW	High	Medium	Low
AIR FLOW	Low	Low	High





# Simply a Better Gun

## Consistent Spray Pattern

- State-of-the-art fluid section provides the best spray pattern in the industry
- Even film build aids in corrosion resistance for metals and eliminates striping often associated with stains
- Newly designed nozzle and air cap seating provides accurate centering to provide consistent particle size and pattern density
- Strict manufacturing tolerances make it easy to interchange nozzles and fluid tips without sacrificing performance

## SPRAY PATTERNS

### XT SERIES



### TYPICAL COMPETITOR



## Less Maintenance and Down Time

- Get longer life and do less maintenance with XT's hardened stainless steel nozzle and needle tip
- Dual valve design reduces the number of operating parts for less maintenance and downtime
- Removable needle tip reduces repair costs
- No special tools required (convenient wrench included)



Remove the front cap and nozzle using a single tool



Easily remove needle assembly



Lowest number of parts in the industry means lower life cycle costs

## Higher Productivity

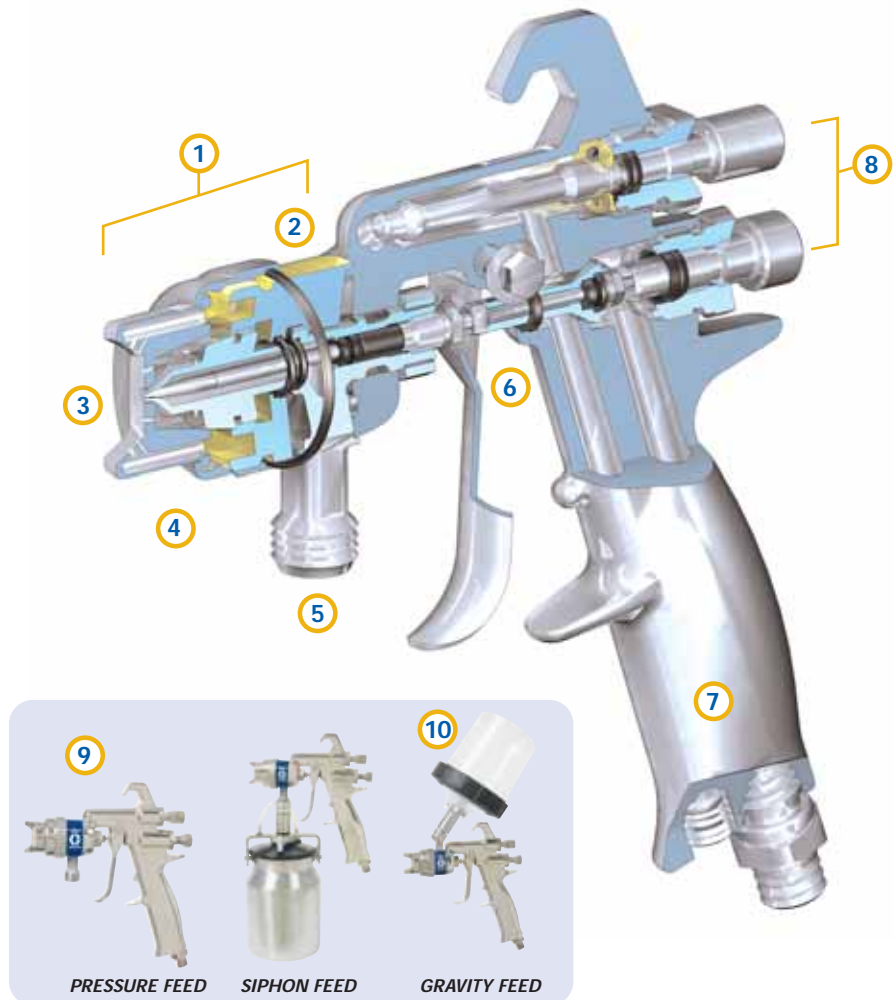
- Less spray overlap means parts are sprayed faster
- Compared to HVLP, Compliant guns offer similar transfer efficiencies with higher line speeds
- Ergonomic design means operators are more comfortable for increased productivity
- Fan pattern and fluid flow are quick and easy to adjust
- Larger fluid intake allows for up to 300 psi



# Designed for Superior Finish Quality!

## DELTA XT

- 1. State-of-the-art Fluid Section**  
Provides the best finish quality in the industry
- 2. New Ring Design**  
Prevents air cap from moving while tightening
- 3. Removable Needle Tip**  
Reduces repair costs
- 4. Improved Air Cap and Nozzle Seating**  
Maintains pattern consistency, increases product longevity with stainless steel construction, and reduces inventory with common nozzle sizes
- 5. More Robust Fluid Intake**  
Fluid intake allows up to 300 PSI
- 6. Dual Valve Design**  
Decreases the number of parts for less maintenance, and reduces the overall weight of the gun
- 7. Smooth, Curved Handle**  
Improves operator comfort, reduces fatigue and makes clean up easy
- 8. Easy Adjustments**  
Quickly and easily adjust the fan pattern and fluid flow
- 9. Feed Options**  
Choose from pressure, siphon or gravity feed
- 10. Gravity Feed Cup**  
Reduces cleaning and labor costs

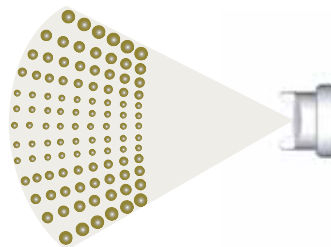


## The Best Spray Pattern in the Industry!

### SPRAY ATOMIZATION COMPARISON

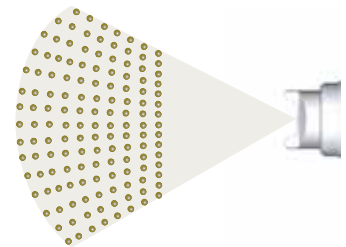
The Delta Spray XT Series not only has the best pattern balance in the industry, but it is also the most consistent.

Unlike the competition, the fluid atomized particles remain the same size from one side of the spray pattern to the other – reducing the need for spray overlap and delivering an outstanding finish every time!



COMMON COMPETITOR

Inconsistent particle size produce an uneven finish



GRACO XT SERIES

Consistent particle size deliver an even finish every time!

# Reduce Cleaning and Labor Costs

## NEW 3M™ PPS™ Paint Preparation System Cup with Disposable Liner From Graco!

Reduce your cleaning solvent usage by 70% and your cleaning labor by 80% with this new disposable cup!

- A faster system for mixing and disposal
- One cup for measuring, mixing and spraying
- Conveniently functions at any angle – even upside down
- Reduces coatings usage by increasing transfer efficiency
- Strains as you spray by incorporating a filter/screen in the lid
- Closed system provides protection from outside contamination
- Gravity and siphon uses same cup
- Locking collar prevents spills
- Available in three sizes, 6 oz, 25 oz, and 32 oz



**CAN BE MOUNTED FOR  
SIPHON OR GRAVITY FEED!**

## Save Using Graco's Disposable Cup

### STANDARD CUP

Items Per Gun Cleaning	
Plastic Mixing Cups	\$ .35
Paint Strainers	+ \$ .05
Total Items Cost (Per Cleaning)	= \$ .40

#### Gun & Cup Cleaning Solvent

Cost per Ounce (\$150/drum)	\$0.021
Ounces used (Per Cleaning)	X 32 oz
Total Solvent Cost (Per Cleaning)	= \$ 0.68

#### Hazardous Solvent Waste Removal

Cost per Ounce (\$200/drum)	\$0.028
Ounces used (Per Cleaning)	X 32 oz
Waste Removal Cost (Per Cleaning)	= \$ 0.91

#### Coating Waste

Cost per Ounce (\$45/gallon)	\$ 0.35
Wasted Material	X 1.5 oz
Total Waste Coating (Per Cleaning)	= \$ 0.53

Total Material Cost (Per Cleaning)	\$ 2.52
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#### Labor Per Cleaning

Shop Labor Rate (Per Minute)	\$0.25
Time to Clean Gun (In Minutes)	X 15
Total Labor Cost (Per Cleaning)	= \$3.75

Total Cost Per Gun Cleaning	\$6.27
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### 3M's PPS™ CUP from GRACO

Items Per Gun Cleaning	
3M™ PPS™ Lid, Strainer & Liner	\$ 1.50

#### Gun Cleaning Solvent

Cost per Ounce (\$150/drum)	\$0.021
Ounces Used (Per Cleaning)	X 3 oz
Total Solvent Cost (Per Cleaning)	= \$ 0.063

#### Hazardous Solvent Waste Removal

Cost per Ounce (\$200/drum)	\$0.028
Ounces Used (Per Cleaning)	X 3 oz
Waste Removal Cost (Per Cleaning)	= \$ .085

#### Coating Waste

Total Waste Materials (Per Cleaning)	\$ 0
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Total Materials Cost (Per Cleaning)	= \$ 1.65
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#### Labor Per Cleaning

Shop Labor Rate (Per Minute)	\$0.25
Time to Clean Gun (in Minutes)	X 3
Total Labor Cost (Per Cleaning)	= \$0.75

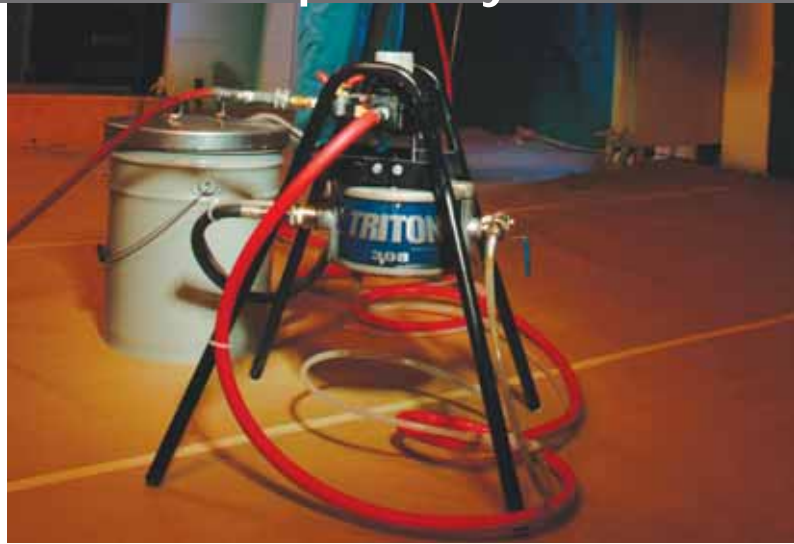
Total Cost Per Gun Cleaning	\$ 2.40
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**Save up to \$4.12 per gun cleaning –  
that's over \$2,000 per year!**

# Complete Systems

## Enhance Your System Performance

Quality pumps enhance any finishing system. Graco offers a variety of pumps and packages to meet the needs of your low to high volume applications, and to increase productivity.



### **PRESSURE POTS**

- Ideal for low to high volume, dedicated color or fine finish applications (i.e., 1-100 gallons used daily)
- No pulsation, high quality finish
- Simple, no moving parts

*PRESSURE POTS*

### **TRITON PUMPS**

- Ideal for medium to high volume fine finish applications
- Easy-to-use, air operated diaphragm pump
- Lowest pulsation diaphragm pump in the market
- Ability to recirculate material
- Quick to color change, clean and refill
- Cost equivalent to 10 gallon SST pressure tank
- Rugged stainless steel or aluminum construction
- Light weight

*SPRAY PACKAGES*





# Guns For Every Application

## SPRAY GUNS

Whatever your application, Graco has the product solution! Choose from our complete line of spray guns and take your finishing to the next level of performance!

### ALPHA AND ALPHA PLUS AIR-ASSIST

- Excellent transfer efficiency at high production speeds
- Small, lightweight and well-balanced for operator comfort
- Stainless steel construction for acid-catalyzed and waterborne materials
- Alpha Plus model offers Reverse-A-Clean (RAC®) tip designed to minimize tip plugging

### SILVER PLUS AIRLESS

- Contoured handle reduces fatigue and increases comfort
- No adjustment needle makes for quick and easy repairs
- Patented needle design increases life

### PRO XS ELECTROSTATIC

- Light weight gun with excellent spraying control
- Full range of electrostatic spraying capabilities
- Air-powered gun for easy installation and service
- Up to 55% higher transfer efficiency than conventional guns
- Waterborne available





## Accessories

### 239631 Air Whip Hose Assembly

Max. working pressure: 100 psi (0.7 MPa, 7 bar).  
Easier gun movement with increased hose flexibility.  
Length: 4 ft (1.2 m). ID: 5/16 in (7.9 mm)  
Swivel: 1/4 npsm(f), nitrile

### 239636 15 ft (4.6 m) Air Hose Assembly

Max. working pressure: 100 psi (0.7 MPa, 7 bar).  
ID: 5/16 in (7.9 mm) Swivel: 1/4 npsm(f), nitrile

### 239637 25 ft (7.6 m) Air Hose Assembly

Max. working pressure: 100 psi (0.7 MPa, 7 bar).  
ID: 5/16 in (7.9 mm) Swivel: 1/4 npsm(f), nitrile

### 239622 Fluid Whip Hose Assembly

Max. working pressure: 100 psi (0.7 MPa, 7 bar).  
ID: 3/16 in (4.8 mm). 3/8 npsm(fbe), nylon with polyurethane cover

### 239633 15 ft (4.6 m) Fluid Hose Assembly

Max. working pressure: 100 psi (0.7 MPa, 7 bar).  
ID: 3/16 in (4.8 mm). 3/8 npsm(fbe), nylon with polyurethane cover

### 239634 25 ft (7.6 m) Fluid Hose Assembly

Max. working pressure: 100 psi (0.7 MPa, 7 bar).  
ID: 3/16 in (4.8 mm). 3/8 npsm(fbe), nylon with polyurethane cover

### 234784 Air Control Valve Kit (Cheater Valve) with Gauge

Small, lightweight unit attaches to any HVLP spray gun for precise air pressure setting. 0-160 psi gauge.

### 235119 Gun Air Regulator Assembly

Air regulator 0-100 psi (0.7 MPa, 0-7 bar) to control air pressure to the gun. Note: Installing the gun air regulator adds a pressure drop that could limit the air cap pressure.

### 239714 16 oz (474 cc) Gravity Cup Kit

For use with gravity feed gun. Nylon cup, 304 SST 3/8 npsm(f) fluid inlet fitting and fluid filter cartridge included.

### 239715 8 oz (237 cc) Gravity Cup Kit

For use with gravity feed gun. Nylon cup, 304 SST 3/8 npsm(f) fluid inlet fitting and fluid filter cartridge included.

### 240266 Disposable Polyethylene Cup Liners

1 qt (0.9 l) capacity, paint and solvent resistant. Must be used with pressure and siphon cups. 40 liners per box.

### 192407 Gravity Cup Holder

### 239802 SST Pressure Cup with Single Air Regulator

1 qt (0.9 l) capacity, 304 SST cup. Includes a pressure relief valve and a single cup air regulator and gauge.

### Air Pressure Verification Kit

For use in checking air cap atomizing or fan air pressure at various supply air pressures. Not to be used for actual spraying. Note: To be HVLP compliant, the atomizing air pressure must not exceed 10 psi (70 MPa, 0.7 bar).

Orifice Size in inches (mm)

239609 0.030, 0.042, 0.055 (0.762, 1.067, 1.397)

239610 0.070, 0.086, (1.778, 2.184)

239611 0.110 (2.790)

239612 Gravity

### 239803 SST Pressure Cup with Double Air Regulator

1 qt (0.9 l) capacity, 304 SST cup. Includes a pressure relief valve, a 0-100 psi (0-0.7 MPa, 0-7 bar) air regulator for gun atomization, and 0-15 psi (0-104 kPa, 0-1.0 bar) air regulator for the 1 qt pressure cup air supply.

### 239804 Remote SST Pressure Cup

1 qt (0.9 l) capacity, 304 SST cup. Includes air pressure regulator and gauge, 4 ft (1.2 m) length air and fluid hose with 1/4 npsm(f) swivel ends, pressure relief valve and rigid hook handle.

### 234828 Repair Kit

O-rings, fluid packings, u-cups and air valve

## 3M's PPS™ Paint Preparation System Accessories from Graco

### 6 oz (150 ml) 3M™ PPS™

#### 234941 Cup and Collar (box of 8)

For use with gravity and siphon feed guns.

#### 234940 Lid and Liner (box of 50)

For use with gravity and siphon feed guns.

#### 234942 Measurement Insert (box of 50)

### 25 oz (650 ml) 3M™ PPS™

#### 234771 Cup and Collar (box of 8)

For use with gravity and siphon feed guns.

#### 234772 Lid and Liner (box of 50)

For use with gravity and siphon feed guns.

#### 15F531 Measurement Insert (box of 100)

#### 234837 Gravity Kit (one each: cup, collar, lid, liner, adapter)

#### 234773 Siphon Kit (one each: cup, collar, lid, liner, adapter)

### 32 oz (850 ml) 3M™ PPS™

#### 234937 Cup and Collar (box of 4)

For use with gravity and siphon feed guns.

#### 234938 Lid and Liner (box of 25)

For use with gravity and siphon feed guns.

#### 234939 Measurement Insert (box of 100)

### 15E470 3M™ PPS™ Lid Dispenser

### 15E469 3M™ PPS™ Liner Dispenser

### 15E467 3M™ PPS™ Gun Tray

### 15D684 3M™ PPS™ Siphon Feed Adapter

### 15C464 3M™ PPS™ Gravity Feed Adapter

Instruction Manual 310693



Ask us about  
**TRY BEFORE YOU BUY**  
60 Days Free

## How to Order?

- 1 Determine technology required  
(Air Spray, HVLP or Compliant)
- 2 Determine type of feed (Pressure, Siphon or Gravity)
- 3 Select material viscosity
- 4 Select average flow rate
- 5 Select optional pattern width

## Ordering Information

### AIR SPRAY GUNS

Feed Type	Material Viscosity	Flow oz/min (l/min)	Pattern Width in (mm)	Orifice Size in (mm)	Part Numbers Assembly	Air Cap
Pressure	light	4-12 (0.12-0.36)	15 (381)	0.030 (0.8)	234636	234757
Pressure	light-medium	8-20 (0.24-0.60)	17 (432)	0.042 (1.0)	234637	234757
Pressure	medium	16-30 (0.48-0.90)	17 (432)	0.055 (1.4)	234638	234757
Pressure	medium-heavy	16-35 (0.48-1.05)	18 (457)	0.070 (1.8)	234639	234757
Pressure	heavy	16-40 (0.48-1.20)	13 (330)	0.086 (2.2)	234640	234760
Pressure	heavy	16-45 (0.48-1.35)	11 (279)	0.110 (2.8)	234641	234761
Pressure (hardened)	light-medium	8-20 (0.24-0.60)	17 (432)	0.042 (1.1)	234644	234757
Pressure (hardened)	medium	16-30 (0.48-0.90)	17 (432)	0.055 (1.4)	234645	234757
Pressure (hardened)	medium-heavy	16-35 (0.48-1.05)	18 (457)	0.070 (1.8)	234646	234757
Pressure	spatller	8-20 (0.24-0.60)	N/A	0.042 (1.1)	234788	196109
Siphon	light	4-10 (0.12-0.30)	10 (254)	0.055 (1.4)	234642	234759
Siphon	light-medium	8-12 (0.24-0.36)	10 (254)	0.070 (1.8)	234643	234759
Siphon w/cup (1 qt)	light	4-10 (0.12-0.30)	10 (254)	0.055 (1.4)	234717	234759
Siphon w/cup (1 qt)	light-medium	8-12 (0.24-0.36)	10 (254)	0.070 (1.8)	234718	234759
Gravity	light-medium	4-10 (0.12-0.30)	9 (229)	0.055 (1.4)	234662	234759
Gravity	light-medium	8-12 (0.24-0.36)	9 (229)	0.070 (1.8)	234663	234759
Gravity w/cup (16 oz)	light-medium	4-10 (0.12-0.30)	9 (229)	0.055 (1.4)	234705	234759
Gravity w/cup (16 oz)	light-medium	8-12 (0.24-0.36)	9 (229)	0.070 (1.8)	234706	234759
Gravity / PPS cup (25 oz)	light-medium	4-10 (0.12-0.30)	9 (229)	0.055 (1.4)	234677	234759
Gravity / PPS cup (25 oz)	light-medium	8-12 (0.24-0.36)	9 (229)	0.070 (1.8)	234678	234759

### HVLP GUNS

Feed Type	Material Viscosity	Flow oz/min (l/min)	Pattern Width in (mm)	Orifice Size	Part Numbers Assembly	Air Cap
Pressure	light	4-10 (0.12-0.30)	15 (381)	0.030 (0.8)	234647	234753
Pressure	light-medium	8-14 (0.24-0.42)	16 (406)	0.042 (1.1)	234648	234753
Pressure	medium	12-18 (0.36-0.54)	16 (406)	0.055 (1.4)	234649	234753
Pressure	medium-heavy	16-20 (0.48-0.60)	17 (432)	0.070 (1.8)	234650	234753
Pressure	heavy	18-22 (0.54-0.66)	17 (432)	0.086 (2.2)	234651	234754
Pressure	heavy	20-24 (0.60-0.72)	18 (457)	0.110 (2.8)	234652	234755
Pressure (hardened)	light-medium	8-14 (0.24-0.42)	16 (406)	0.042 (1.1)	234653	234753
Pressure (hardened)	medium	12-18 (0.36-0.54)	16 (406)	0.055 (1.4)	234654	234753
Pressure (hardened)	medium-heavy	16-20 (0.48-0.60)	17 (432)	0.070 (1.8)	234655	234753
Pressure w/cup (1 qt)	light-medium	8-14 (0.24-0.42)	16 (406)	0.042 (1.1)	234709	234753
Pressure w/cup (1 qt)	medium	12-18 (0.36-0.54)	16 (406)	0.055 (1.4)	234710	234753
Pressure w/cup (1 qt)	medium-heavy	16-20 (0.48-0.60)	17 (432)	0.070 (1.8)	234711	234753
Pressure w/cup (1 qt)	heavy	18-22 (0.54-0.66)	17 (432)	0.086 (2.2)	234712	234754
Gravity	light-medium	3-5 (0.09-0.15)	14 (356)	0.055 (1.4)	234658	234752
Gravity	light-medium	4-6 (0.12-0.18)	16 (406)	0.070 (1.8)	234659	234752
Gravity w/cup (16 oz)	light-medium	3-5 (0.09-0.15)	14 (356)	0.055 (1.4)	234713	234752
Gravity w/cup (16 oz)	light-medium	4-6 (0.12-0.18)	16 (406)	0.070 (1.8)	234714	234752
Gravity / PPS cup (25 oz)	light-medium	3-5 (0.09-0.15)	14 (356)	0.055 (1.4)	234681	234752
Gravity / PPS cup (25 oz)	light-medium	4-6 (0.12-0.18)	16 (406)	0.070 (1.8)	234682	234752



# Ordering Information

## COMPLIANT\*

Feed Type	Material Viscosity	Flow oz/min (l/min) in (mm)	Pattern Width in (mm)	Orifice Size	Part Numbers Assembly	Air Cap
Pressure	light	4-10 (0.12-0.30)	15 (381)	0.030 (0.8)	234693	234762
Pressure	light-medium	8-14 (0.24-0.42)	16 (406)	0.042 (1.1)	234694	234762
Pressure	medium	12-18 (0.36-0.54)	16 (406)	0.055 (1.4)	234695	234762
Pressure	medium-heavy	16-20 (0.48-0.60)	17 (432)	0.070 (1.8)	234696	234762
Siphon	light	4-10 (0.12-0.30)	10 (254)	0.055 (1.4)	234695	234762
Siphon	light-medium	8-12 (0.24-0.36)	10 (254)	0.070 (1.8)	234696	234762
Siphon w/cup (1 qt)	light	4-10 (0.12-0.30)	10 (254)	0.055 (1.4)	234732	234762
Siphon w/cup (1 qt)	light-medium	8-12 (0.24-0.36)	10 (254)	0.070 (1.8)	234733	234762
Gravity	light-medium	3-5 (0.09-0.15)	14 (356)	0.055 (1.4)	234685	234762
Gravity	light-medium	4-6 (0.12-0.18)	16 (406)	0.070 (1.8)	234686	234762
Gravity w/cup (16 oz)	light-medium	3-5 (0.09-0.15)	14 (356)	0.055 (1.4)	234721	234762
Gravity w/cup (16 oz)	light-medium	4-6 (0.12-0.18)	16 (406)	0.070 (1.8)	234722	234762
Gravity / PPS cup (25 oz)	light-medium	3-5 (0.09-0.15)	14 (356)	0.055 (1.4)	234689	234762
Gravity / PPS cup (25 oz)	light-medium	4-6 (0.12-0.18)	16 (406)	0.070 (1.8)	234690	234762

\* Tested to EN13966

## NOZZLES/NEEDLES/NEEDLE TIPS (HVLP, AIR SPRAY & COMPLIANT)

Orifice Size	Nozzle	Needle Assembly	Needle Tip	Needle/Nozzle Kit
0.030 (0.762)	234741	234765	234777	234829
0.042 (1.067)	234742	234765	234777	234830
0.051 (1.296)	234743	234767	234778	234831
0.055 (1.397)	234744	234767	234778	234832
0.059 (1.499)	234745	234767	234778	234833
0.070 (1.778)	234746	234767	234778	234834
0.086 (2.184)	234747	234769	234779	234835
0.110 (2.790)	234748	234770	234780	234836
0.042 (hardened)	234749	234766	234781	234774
0.055 (hardened)	234750	234768	234782	234775
0.070 (hardened)	234751	234768	234782	234776
0.042 (1.067) (spatter)	15E139	234765	234777	N/A



# Technical Specifications

Maximum fluid pressure	300 psi (7 bar, 0.7 MPa)
Maximum working air pressure	100 psi (7 bar, 0.7 MPa)
Fluid and air temperature range	32-109°F (0-43°C)
Weight	18.3 oz
Air Inlet	1/4-18 npsm (R1/4-19) compound thread
Fluid Inlet	3/8-18 npsm (R3/8-19) compound thread
Dimensions	6.7 in L x 7.6 in H (1700 mm L x 193 mm H)
Typical compliant inbound air pressure	
HVLP	Gravity/Siphon: 29 psi (2 bar, 0.2 MPa); Pressure: 40 psi (2.8 bar, 0.3 MPa)
Compliant	29 psi (2 bar)
Air consumption	
Air Spray	Gravity/Siphon: 14.1 scfm @ 50 psi; Pressure: 12.5 scfm @ 50 psi
HVLP	Gravity/Siphon: 15.5 scfm @ 29 psi; Pressure: 21.0 scfm @ 40 psi
Compliant	Gravity/Siphon: 11.2 scfm @ 29 psi; Pressure: 11.2 scfm @ 29 psi
Instruction Manual	
Air Spray	310692
HVLP	310692
Compliant	310692

## ABOUT GRACO

### PROVEN QUALITY. LEADING TECHNOLOGY.

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology which set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

## GRACO HEADQUARTERS

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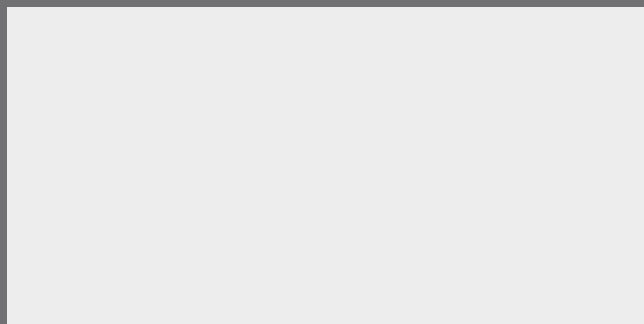
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